Recreational Use Attainability Analysis

Cover Sheet

Wate	r Body Name: <u>River des Peres</u>					
Wate	r Body Identification #:		· ·		,	
Comr	oleted UAA Checklist:					
>	Pre-Field Preparatory Data Sheet					
>	Maps with actual survey sites marked	•	•			
>	Data Sheet A					
>	Data Sheet $B - 3$ of 3 pages for each site				-	
	O Number of Sites:					·
>	Data Sheet C (if applicable)					
	 Number of Interviews:					
>	Photographs					• .
	o Quantities					
	■ Upstream	•		•		
	Downstream			,		
	• Other <u> </u>					
ſ tha	undersigned, hereby affirm to the best of my kr	Involedae th	at all inf	ormation ren	orted in f	his IJAA
	e and accurate.	to micage, en		or markon rep		mo oraz
is itui	, and accurate.					
				. 1		
Signe	1: Clocka Mandewe	Date:	6/2	106		
_	d Name: Rebecca Landowe	Telephor	ne #:	13-551-	- 786/	<u> </u>
Organ	ization: US EPA	Position	: Envi	bonmenta	1 Scie	2m412+
_						

<u>Pre-Field Preparatory Data Sheet</u> for Recreational Use Stream Surveys

Water Body Name: River des Peres (from USGS 7.5' quad)
8-digit HUC: 0714010 Missouri Water Body Identification (WBID) #: 7
County: St. Louis
Upstream Legal Description: Morgan ford Rd Class C
Downstream Legal Description: Graves Cr. 1.0 mile
Discharger Facility Name(s):
Discharger Permit Number(s):
Weather Conditions for Past 7 days: Temp: 70s to hud-90s, have, light rain,
one T-storm < 0.5 inch precip
County Drought Status:
(See MDNR Drought Assessment site for latest maps and information: http://www.dnr.mo.gov/env/wrc/droughtupdate.htm)
No drought
➤ Phase 1 – Advisory Phase
➤ Phase 2 – Drought Alert
➤ Phase 3 — Conservation Phase
➤ Unknown
Date of Map: 5 / 30/ 2006

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest.

WBID # 1711

Date: 6 / 23 / 06

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet A - Water Body Identification

Water Body Name: River des Peres			<u></u>	· · · · · · · · · · · · · · · · · · ·
WBID #: /7//				
Upstream Coordinates: N 38, 55950 (WGS 84, ddd.ddddd) W 90, 28345 Downstream Coordinates: N 38, 55268 (WGS 84, ddd.ddddd) W 90, 27110				
Current Weather Conditions: Partly cloudy & clearing	, 50% C	loud c	over, s	20.3
Number of Sites Evaluated:				
Name(s) of Surveyor(s): Gary Welker, Jay Hag, Rebecca Lande	we		<u></u>	

ite: 6 /23 / 0(heets for Recreational Use	o Ctucom Currento	
	Ficiu Data B	neets for Recreational Use	e Stream Surveys	
(B - Site Characterization Sheet B must be completed		
Latitude (ddd.dddd):	V 38.5595	50	Arrival Time:	
Longitude (ddd.dddd):	W 90. 283	45	7:	:55 am
Photo Ids: Upstream:	2-1-36 I	Downstream: 2735	Other:	
•	2100	2133		
		1 1000000000000000000000000000000000000		· · · · · · · · · · · · · · · · · · ·
rrative Description	of Location: (De	scribe access point to stream, nea	arby roads, landmarks, e	tc.)
Morgan ford	Rd Bridge	Crossing. Along Card	modelet Kd.	
	~			

rrounding Condition	us*: (Mark all that p	promote or impede recreational u	uses. Attach photos of ev	•
rrounding Condition as of interest.) City/county parks				idence or unusual
ns of interest.)	us*: (Mark all that pure properties of the parks	promote or impede recreational u MDC conservation lands	uses. Attach photos of ev Urban areas Nature trails	Campgrounds
□ City/county parks	☐ Playgrounds	☐ MDC conservation lands ☐ National forests	Urban areas Nature trails	idence or unusual
□ City/county parks □ Boating accesses □ No trespass sign	☐ Playgrounds ☐ State parks ☐ Fence	☐ MDC conservation lands	Urban areas	Campgrounds
□ City/county parks □ Boating accesses	☐ Playgrounds ☐ State parks ☐ Fence	☐ MDC conservation lands ☐ National forests	Urban areas Nature trails	Campgrounds
□ City/county parks □ Boating accesses □ No trespass sign	☐ Playgrounds ☐ State parks ☐ Fence	☐ MDC conservation lands ☐ National forests	Urban areas Nature trails	Campgrounds
□ City/county parks □ Boating accesses □ No trespass sign man Uses Observed	☐ Playgrounds ☐ State parks ☐ Fence *:	☐ MDC conservation lands ☐ National forests ☐ Steep slopes	Urban areas Nature trails Other:	☐ Campgrounds ☐ Stairs/walkway
□ City/county parks □ Boating accesses □ No trespass sign man Uses Observed □ Swimming □ Wind surfing	☐ Playgrounds ☐ State parks ☐ Fence *: ☐ Skin diving ☐ Kayaking	☐ MDC conservation lands ☐ National forests ☐ Steep slopes ☐ SCUBA diving ☐ Boating	Urban areas Nature trails Other: Tubing Wading	☐ Campgrounds ☐ Stairs/walkway ☐ Water skiing ☐ Rafting
□ City/county parks □ Boating accesses □ No trespass sign man Uses Observed □ Swimming □ Wind surfing	☐ Playgrounds ☐ State parks ☐ Fence *: ☐ Skin diving ☐ Kayaking	☐ MDC conservation lands ☐ National forests ☐ Steep slopes ☐ SCUBA diving	Urban areas Nature trails Other: Tubing Wading	☐ Campgrounds ☐ Stairs/walkway ☐ Water skiing ☐ Rafting
□ City/county parks □ Boating accesses □ No trespass sign man Uses Observed □ Swimming □ Wind surfing	☐ Playgrounds ☐ State parks ☐ Fence *: ☐ Skin diving ☐ Kayaking	☐ MDC conservation lands ☐ National forests ☐ Steep slopes ☐ SCUBA diving ☐ Boating	Urban areas Nature trails Other: Tubing Wading	☐ Campgrounds ☐ Stairs/walkway ☐ Water skiing ☐ Rafting
□ City/county parks □ Boating accesses □ No trespass sign man Uses Observed □ Swimming □ Wind surfing	☐ Playgrounds ☐ State parks ☐ Fence *: ☐ Skin diving ☐ Kayaking	☐ MDC conservation lands ☐ National forests ☐ Steep slopes ☐ SCUBA diving ☐ Boating	Urban areas Nature trails Other: Tubing Wading	☐ Campgrounds ☐ Stairs/walkway ☐ Water skiing ☐ Rafting

Roads Morganford	☐ Foot paths/prints	☐ Dock/platform	☐ Livestock Watering	□ RV / ATV Tracks
☐ Rope swings	☐ Camping Sites	☐ Fire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle
☐ Other:				

Sources of Pollution: (e.g., trash dumping, tires, drainages, discharges, etc.)

-trash, road drainage

3ID # <u>171</u>	Site #					
te: <u>6 / 23</u>	106			2 of 2		
	Data	Sheet B - Site C	haracterization –	2013		•
eam Morpho	logy:	•				
Upstream Vie	w Physical Dim		X (27)	Ave. I	Depth (m)	Max Depth (m)
	Distance from access point (m)	Width (m)	Length (m)		· · · · .	
☐ Riffle		<i>d</i> .	75	0.4, 0.4, 0.4	4= 1.2 0.4	0.4
⊠ Run		8.6				
□ Pool			Velocity (ft/sec)	3, 2m/10		
Flow P	resent?	□ No	Velocity (Ibsec)	/18	<u>5ec</u>	
	X7' Discoined T	Nimensions:				
Downstream	View Physical I Distance from	Width (m)	Length (m)	Avg.	Depth (m)	Max Depth (m)
	access point (m)					
☐ Riffle		71	75	0.3, 0.5, 0.	4=1.2 D.4	0,5
⊠ Run		8.6				
□ Pool			Velocity (ft/sec)	l):		
Flow	Present? XYes	□ No	Velocity (Label)			
obstrate** (T	nese values should ac	ld up to 100%.)			0/3/ 1/01	y 75 % Bedroo
10 % Co	obble 10 %	Gravel 5	% Sand	% Silt	% Mud/Cla	y
L			11 amounth at the acct	esement site.)		
quatic Vegeta	ation*: (Note amou	nt of vegetation or a	algal growth at the asse	<u> </u>		
Flanurt	ons algae			•		
	teristics*: (Mark a	all that apply.)				
Odor:	☐ Sewage	☐ Musky	☐ Chemical	X None	☐ Other:	
	Clear	☐ Green	☐ Gray	☐ Milky	☐ Other:	
Color:		☐ Solids	☐ Fine sediments	□ None	⊠ Other:	Algae
Bottom Depo	<u> </u>	☐ Scum	☐ Foam	None	☐ Other:	· ·
Surface Depo	sit: 🔲 Oil					

understanding of water conditions. Consequently, this information is not intended to directly use analysis but may point to conditions that need further analysis or that affect another use.

ול <u>וון וּ</u> שׁנִּשׁיִּא	ic.T				∵ .		
Date: 6 / 23 / 66	***************************************						
•	Field Data S	heets	for Recreational Use	Stream Surveys			
· · · · · · · · · · · · · · · · · · ·			ite Characterization B must be completed				
Latitude (ddd.dddd): Longitude (ddd.dddd):	N 38,5589 W 90,2823			Arrival Time:	an		
Photo Ids: Upstream:	2737	Oownst	ream: 2738	Other: 273	9		
Narrative Description Approx: 50 m	of Location: (De downstream	scribe :	access point to stream, nea	rby roads, landmarks, etc.)			
urrounding Condition	ns*: (Mark all that p	oromot	e or impede recreational u	ses. Attach photos of evider	nce or unusual		
☐ City/county parks	☐ Playgrounds	ПΜ	DC conservation lands	Urban areas	☐ Campgrounds		
☐ Boating accesses	☐ State parks	DN	ational forests	☐ Nature trails	☐ Stairs/walkway		
☐ No trespass sign	☐ Fence		eep slopes	☐ Other:			
Iuman Uses Observed	*:	,		and or every live in	and the second of the second o		
☐ Swimming	☐ Skin diving		☐ SCUBA diving	☐ Tubing	☐ Water skiing		
☐ Wind surfing	☐ Kayaking		☐ Boating	□ Wading	☐ Rafting		
☐ Hunting	☐ Trapping		☐ Fishing	None of the above	☐ Other:		
Describe: (include numb	er of individuals rec	reating	g, frequency of use, photo-	documentation of evidence	of recreational uses, etc.)		
			•	•			
Evidence of Human Us	se*:				,		
Roads	☐ Foot paths/pri	nts	☐ Dock/platform	☐ Livestock Watering	☐ RV / ATV Tracks		
☐ Rope swings	☐ Camping Sites		☐ Fire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle		
Other:							

Sources of Pollution: (e.g., trash dumping, tires, drainages, discharges, etc.)

trash, drainage, pipe (pic 2739)

golf balls,

Aquatic Vegetation*: (Note amount of vegetation or algal growth at the assessment site.) Algae Water Characteristics*: (Mark all that apply.) Odor: Sewage Musky Chemical None Other:	WE	SID #	Site #					·
Stream Morphology: Upstream View Physical Dimensions: Distance from access point (m)	Dat	te: <u>6 / 23</u>	3/06					
Distance from access point (m) Width (m) Length (m) Avg. Depth (m) Max Depth (m)			Data	Sheet B - Site C	haracterization -	– 2 of 3		
Distance from access point (m) Width (m) Length (m) Avg. Depth (m) Max Depth (m)	Str	eam Mornh	ology:		•			
Riffle) 	Upstream V	iew Physical Dim	ensions:	-			
Run				Width (m)	Length (m)	Avg	. Depth (m)	Max Depth (m)
Run		□ Riffle				0.6,0.7	,0.5 N L	
Present? Yes No Velocity (ft/sec): Downstream View Physical Dimensions:		Ø Run		12.1	15		' 0,0	0.1
Downstream View Physical Dimensions: Distance from access point (m) Width (m) Length (m) Avg. Depth (m) Max Depth (m)		□ Pool						
Distance from access point (m) Riffle Rum Pool Flow Present? Yes I No Velocity (ft/sec): Substrate*: (These values should add up to 100%.) Swaper Characteristics*: (Mark all that apply.) Odor: Sewage Musky Chemical None Cothers		X Flow	Present? Yes	□ No	Velocity (ft/sec): 	• •	······································
Distance from access point (m) Riffle Rum Pool Flow Present? Yes Do Velocity (ft/sec): Substrate*: (These values should add up to 100%.) Swaper Characteristics*: (Note amount of vegetation or algal growth at the assessment site.) Aquatic Vegetation*: (Note amount of vegetation or algal growth at the assessment site.) Water Characteristics*: (Mark all that apply.) Odor: Sewage Musky Chemical None Dother:				Nimeongionat				
access point (m) Riffle Riffle Rum Z.]	Downstrean	n View Physical I	l .	Length (m)	Avg	. Depth (m)	Max Depth (m)
Run				Width (iii)	Dong in (in)	, , , , , ,		
Pool Velocity (ft/sec): Substrate*: (These values should add up to 100%.) Sweet Cobble D % Gravel S % Sand % Silt % Mud/Clay 70 % Bedro Musky Chemical None Other:		☐ Riffle				0.5.0.7,	06. 06	07
Substrate*: (These values should add up to 100%.) Substrate*: (These values should add up to 100%.) Sw Cobble D % Gravel 5 % Sand % Silt % Mud/Clay 70 % Bedro Aquatic Vegetation*: (Note amount of vegetation or algal growth at the assessment site.) Algae Water Characteristics*: (Mark all that apply.) Odor:		Run		12.1	75		.0.0	
Substrate*: (These values should add up to 100%.) 5 % Cobble D % Gravel 5 % Sand % Silt % Mud/Clay 70 % Bedro Aquatic Vegetation*: (Note amount of vegetation or algal growth at the assessment site.) H/gae Water Characteristics*: (Mark all that apply.) Odor:		□ Pool						
Aquatic Vegetation*: (Note amount of vegetation or algal growth at the assessment site.) Algae Water Characteristics*: (Mark all that apply.) Odor: Sewage Musky Chemical None Other:		☑ Flow	Present? Yes	□ No	Velocity (ff/sec	:):		
Aquatic Vegetation*: (Note amount of vegetation or algal growth at the assessment site.) Algae Water Characteristics*: (Mark all that apply.) Odor: Sewage Musky Chemical None Other:				· to 100%)				
Aquatic Vegetation*: (Note amount of vegetation or algal growth at the assessment site.) Algae Water Characteristics*: (Mark all that apply.) Odor: Sewage Musky Chemical None Other:	Su	bstrate*: (1	These values should at	Gravel 5	% Sand	% Silt	% Mud/Clay	70 % Bedrock
Water Characteristics*: (Mark all that apply.) Odor:		L				•		
Water Characteristics*: (Mark all that apply.) Odor: □ Sewage □ Musky □ Chemical □ Other:	Aq	uatic Veget	ation*: (Note amou	nt of vegetation or al	gal growth at the ass	essment site.)		
Water Characteristics*: (Mark all that apply.) Odor: □ Sewage □ Musky □ Chemical □ Other:		Algae				,		
Odor:		1.0						
Odor:		L						
	W	1	w		Chamical	None.	□ Other:	
Color: Clear Green Gray Miky Color:								
The There Worker Hade		Color:	······································					Hare
Bottom Deposit. U Staage Li Sories		Bottom Depo	osit: Sludge	☐ Solids				1 ligar
Surface Deposit: Oil Scum Foam None Other:		Surface Depo	osit: 🗆 Oil	☐ Scum	□ Foam	None	LJ Other:	

Gor

^{*}This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

Date: 6 / 23 / 06

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization - 1 of 3

(A separate Data Sheet B must be completed for each site)

Latitude (ddd.dddd):	V 38, 55696			A	rrival Time:					
Longitude (ddd.dddd): W 90. 27966										
Photo Ids: Upstream:	2740	Downst	2741	Ċ	ther:					
arrative Description		scribe :	access point to stream, nea	arby roads, l	andmarks, etc.)					
Upstream from	m Bend									
urrounding Condition	ns*: (Mark all that p	promot	e or impede recreational u	ises. Attach	photos of evider	ace or unusual				
☐ City/county parks	☐ Playgrounds	ΠМ	DC conservation lands	Urban	areas	☐ Campgrounds				
☐ Boating accesses	☐ State parks	□ N	ational forests	☐ Natur	e trails	☐ Stairs/walkway				
☐ No trespass sign	☐ Fence	□ St	eep slopes	☐ Other:						
uman Uses Observed	*•					**********				
☐ Swimming	☐ Skin diving		☐ SCUBA diving	☐ Tubii	ıg	☐ Water skiing				
☐ Wind surfing	☐ Kayaking	ì	☐ Boating	☐ Wadi	ng	☐ Rafting				
☐ Hunting	☐ Trapping		☐ Fishing		of the above	☐ Other:				
Describe: (include numb	er of individuals rec	reating	, frequency of use, photo-	-documentat	ion of evidence	of recreational uses, etc.)				
vidence of Human Us	e*:									
Roads	☐ Foot paths/pri	ats	☐ Dock/platform	☐ Lives	tock Watering	☐ RV / ATV Tracks				
☐ Rope swings	☐ Camping Sites		☐ Fire pit/ring	☐ NPDI	ES Discharge	☐ Fishing Tackle				
☐ Other:				-						
owner of Dallastica - /	1.3									
trash, tires	g., trasn dumping, t	ires, di	amages, discharges, etc.)							

المال	a	,			4
BID# <u> 71 </u>		<u> </u>			
te: <u>6 / 23 /</u>					
	Data	Sheet B - Site C	Characterization – 2	of 3	,
					•
eam Morpholo Upstream View	gy: Physical Dim	ensions:			
	Distance from cess point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
☐ Riffle				0.4, 0.4, 0.4	
[X Run	,	8.9	70	0.4	0,4
□ Pool					
K Flow Pre	sent? X Yes	□ No	Velocity (ft/sec):		
			·		
Downstream V	iew Physical D			D - 4h (m)	Max Depth (m)
	Distance from cess point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
☐ Riffle				0.2, 0.2, 0.4 0 27	
☑ Run		15	70	0.2,02,07 0.27	0.4
☐ Pool		,	•		
K Flow Pre	sent? X Yes	□ No	Velocity (ft/sec):		

bstrate*: (Thes			% Sand	% Silt % Mud/Cla	y 80 % Bedroo
20 % Cobb	<u> </u>	Gravel /	70,000		-)
10 %	80 %	/O at of vegetation or a	algal growth at the assessn	nent site.)	
Algae					
1119		•	,		
ater Character	istics*: (Mark a	ll that apply.)			
Odor:	☐ Sewage	☐ Musky	☐ Chemical	None	
Color:	☐ Clear	☐ Green	□ Gray □	Milky	Murky-al
				None Other:	

☐ Foam

☐ Scum

Surface Deposit:

X Oil

X None

☐ Other:

^{*}This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

(.		3 - Site Characterization heet B must be complete to the compl		
Latitude (ddd.dddd): /	1 38,5560	3	Arrival Time:	
Longitude (ddd.dddd):	W 90.276		8	:45
Photo Ids: Upstream:		ownstream: 2146	Other: 2742	2 - 2744
arrative Description	of Location: (Des	cribe access point to stream, 1	nearby roads, landmarks, etc.)	
Between 2 be	ends in Creek	+ concrete stru >> pump	ectures at road's	rurface.
urrounding Condition	ns*: (Mark all that p	romote or impede recreationa	ıl uses. Attach photos of evide	nce or unusual
☐ City/county parks	☐ Playgrounds	☐ MDC conservation lands	Urban areas	☐ Campgrounds
☐ Boating accesses	☐ State parks	☐ National forests	☐ Nature trails	☐ Stairs/walkway
☐ No trespass sign	☐ Fence	☐ Steep slopes	☐ Other:	
	' ★・ ‴	The second control of		Part S
uman Uses Observed		☐ SCUBA diving	☐ Tubing	☐ Water skiing
uman Uses Observed	l*: ☐ Skin diving ☐ Kayaking	☐ SCUBA diving ☐ Boating	☐ Tubing ☐ Wading	☐ Water skiing ☐ Rafting
uman Uses Observed □ Swimming □ Wind surfing □ Hunting	☐ Skin diving ☐ Kayaking ☐ Trapping	☐ Boating ☐ Fishing	☐ Wading None of the above	☐ Rafting ☐ Other:
uman Uses Observed Swimming Wind surfing Hunting	☐ Skin diving ☐ Kayaking ☐ Trapping	☐ Boating ☐ Fishing	□ Wading	☐ Rafting ☐ Other:
uman Uses Observed Swimming Wind surfing Hunting	☐ Skin diving ☐ Kayaking ☐ Trapping ber of individuals reco	☐ Boating ☐ Fishing	☐ Wading None of the above	☐ Rafting ☐ Other:
uman Uses Observed ☐ Swimming ☐ Wind surfing ☐ Hunting ☐ Describe: (include numl	☐ Skin diving ☐ Kayaking ☐ Trapping ber of individuals reco	☐ Boating ☐ Fishing reating, frequency of use, pho	☐ Wading None of the above	☐ Rafting ☐ Other:
uman Uses Observed ☐ Swimming ☐ Wind surfing ☐ Hunting ☐ Describe: (include number)	☐ Skin diving ☐ Kayaking ☐ Trapping ber of individuals reco	☐ Boating ☐ Fishing reating, frequency of use, pho	☐ Wading None of the above oto-documentation of evidence	☐ Rafting ☐ Other: e of recreational uses, etc.
uman Uses Observed Swimming Wind surfing Hunting Describe: (include number)	Skin diving Kayaking Trapping ber of individuals reconstant se*:	☐ Boating ☐ Fishing reating, frequency of use, pho	□ Wading None of the above sto-documentation of evidence □ Livestock Watering	☐ Rafting ☐ Other: e of recreational uses, etc. ☐ RV / ATV Tracks

WBID # 1711 Site # ______

SID# /7	11 Site #9	-				4
te: <u>6 / 2</u>						
	Data	Sheet B - Site C	Characterization -	-2 of 3		
eam Morp	hology:					
	View Physical Dim	ensions:		<u> </u>	· I	
	Distance from access point (m)	Width (m)	Length (m)	Avg. Dej	pth (m)	Max Depth (m)
☐ Riffle				0.5, 0.4, 0.6		<u> </u>
X Run		22.5	60	- 0.5,0.7,0.0	0.5	0.6
□ Pool						
Flow	Present? Yes	□ No	Velocity (ft/sec)):		
Downstrea	m View Physical I Distance from					Max Depth (m)
	access point (m)	Width (m)	Length (m)	Avg. De	btu (m)	
☐ Riffle				0.4,0.6,05		
Run		14	60		0.5	0.6
□ Pool	and the second s				<u> </u>	The second secon
☑ Flow	Present? X Yes	□ No	Velocity (ft/sec):		
10 %	These values should according to 10 % to them in Micetation*: (Note amounts)	Gravel 10 Adle (Sower	% Sand	% Silt	% Mud/Clay	60 % Bedro
Algae						
ater Chara	acteristics*: (Mark a	ill that apply.)				, ,
Odor:	Sewage	☐ Musky	☐ Chemical	□ None	Other:	m. a. d.
Color:	☐ Clear	∭ Green	☐ Gray ·	☐ Milky	Other:	Murky Stain
Bottom De	posit: 🗌 Sludge	☐ Solids	☐ Fine sediments	□ None	Other:	Higae
Curface De	nosit: [7.0:1	□ Scum	□ Foam	☑ None	☐ Other:	

^{*}This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

WBID#Sit	te# 5			a series and a series	3			
Date: 6 / 23/ 06	•	•	•					
***************************************		heets	for Recreational Use	Stream Surveys				
C. C.			Site Characterization t B must be completed					
r e como e e e e e e e e e e e e e e e e e e								
Latitude (ddd.dddd): N 38,55608 Arrival Time:								
	Longitude (ddd.dddd): W 90, 27409 9:00am							
Photo Ids: Upstream:)owns	stream:	Other: 2749 2150				
274	f /		2748	275				
Norwative Description s	of Logotions (D.							
Narrative Description of					side a Crock			
rtppox. 10 m	apspeare of	(pic 2749) L	building on north pump station	- Creac			
•								
Surrounding Condition	s*: (Mark all that p	oromo	te or impede recreational u	ses. Attach photos of evider	nce or unusual			
items of interest.)		l			<u> </u>			
☐ City/county parks	☐ Playgrounds	U I	MDC conservation lands	Urban areas	☐ Campgrounds			
☐ Boating accesses	☐ State parks	1 🗆	National forests	☐ Nature traîls	☐ Stairs/walkway			
☐ No trespass sign	☐ Fence		teep slopes	Other:				
Human Uses Observed								
☐ Swimming	☐ Skin diving	***************************************	☐ SCUBA diving	☐ Tubing	☐ Water skiing			
☐ Wind surfing	☐ Kayaking		☐ Boating	☐ Wading	☐ Rafting			
	☐ Trapping		☐ Fishing	None of the above	☐ Other:			
Describe: (include numbe	er of individuals rec	reatin	g, frequency of use, photo-	documentation of evidence	of recreational uses, etc.)			
					•			
	•				•			
Evidence of Human Use	2**•							
Roads	☐ Foot paths/pri	ats	☐ Dock/platform	☐ Livestock Watering	☐ RV / ATV Tracks			
☐ Rope swings	☐ Camping Sites		☐ Fire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle			
☐ Other:								

Sources of Pollution: (e.g., trash dumping, tires, drainages, discharges, etc.)

Drainage pipe

Storm sewer collection (?) (pic 2750 + 2751)

		imensions:		A Donth (m)	Max Depth (m)
	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Iviax Doptic (11.)
□ Riffle			1 70	0.3,0-6,0.6 0,5	0.10
Run		18	80	1,0,0	0.6
□ Pool	<u> </u>	<u>.</u>			
Flow	Present? \(\subseteq \text{Y}	es 🗆 No	Velocity (ft/sec):		
	TITE TO THE TOTAL TO THE TANK	1 Dimanciane			
ownstrea	Distance from access point (m	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
☐ Riffle	access point (in	,			
Run		16	80	0,3,0,3,0.4 0,33	0,4
□ Pool					
☐ Flow	Present?	/es □ No	Velocity (ft/sec):	· · · · · · · · · · · · · · · · · · ·	
- %	(These values should Cobble Zo	% Gravel / 0 %	6 Sand 16	% Silt	30 % Bedr
		,		•	
める natic Veg	Boulder— etation*: (Note an	nount of vegetation or alga	al growth at the assessi	ment site.)	
uatic Veg	etation*: (Note an	nount of vegetation or alge	al growth at the assessi	ment site.)	
uatic Veg Algae	etation*: (Note an	nount of vegetation or alge	al growth at the assessi	ment site.)	
uatic Veg Algae Dead	etation*: (Note an		al growth at the assessi	ment site.)	
uatic Veg Algae Dead	etation*: (Note an fish acteristics*: (Mar	rk all that apply.)			
uatic Veg Algae Dead	etation*: (Note an	rk all that apply.) H ロ Musky	□ Chemical □	None	Musky JS
uatic Veg Algae <i>Dead</i> iter Char:	etation*: (Note an fish acteristics*: (Mar	rk all that apply.)	□ Chemical □	None	Marky St
latic Veg Algae Dead iter Char: Odor:	etation*: (Note and fish acteristics*: (Man Sewage	rk all that apply.) H	□ Chemical □ □ Gray □ □ Fine sediments □	None	

/BID#S	ite#	 -		and the second s	3		
ate: <u>6 / 23 / 00</u>	<u></u>			·			
•	Field Data S	heets	for Recreational Use	e Stream Surveys	·		
(Site Characterization t B must be completed				
Latitude (ddd.dddd):	N 38,5554	0		Arrival Time:			
Longitude (ddd.dddd):	- ·		,	9:19	2am		
Photo Ids: Upstream:			stream:	Other:			
arrative Description	of Location: (De	scribe	access point to stream, nea	arby roads, landmarks, etc.)			
Approx 75m	upstream of	ρ	Havy 55				
urrounding Condition	ns*: (Mark all that p	promo	ete or impede recreational u	ises. Attach photos of evider	nce or unusual		
☐ City/county parks	□ Playgrounds	□ 1	MDC conservation lands	Urban areas	☐ Campgrounds		
☐ Boating accesses	☐ State parks	□ 1	Vational forests	☐ Nature trails	☐ Stairs/walkway		
☐ No trespass sign	☐ Fence	□s	Steep slopes	☐ Other:	Other:		
TI Ob	14	. 40		· · · · · · · · · · · · · · · · · · ·			
uman Uses Observed Swimming	□ Skin diving		☐ SCUBA diving	☐ Tubing	☐ Water skiing		
☐ Wind surfing	☐ Kayaking		☐ Boating	☐ Wading	☐ Rafting		
☐ Hunting	☐ Trapping		☐ Fishing	None of the above	Other:		
vidence of Human Us	•	·	g, nequency of use, photo-	-documentation of evidence	or recreational uses, etc.)		
Roads	☐ Foot paths/pri	nts	☐ Dock/platform	☐ Livestock Watering	□ RV / ATV Tracks		
☐ Rope swings	☐ Camping Sites	3	☐ Fire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle		
☐ Other:			:				
ources of Pollution: (e	e.g., trash dumping, t	ires, c	Irainages, discharges, etc.)		·		

. 1	b "	•				4
VBID #		<u>0</u>				
ate: 6 /						
	Data	Sheet B - Site C	Characterization -	- 2 of 3		
	halaess					
tream Morp Unstream	nology. View Physical Dim	ensions:		<u></u>		
	Distance from access point (m)	Width (m)	Length (m)	Avg	. Depth (m)	Max Depth (m)
☐ Riffle				0.5, 0.	7.05 0 1.1	A 7
X Run		13	40		7,25 0,57	0.7
□ Pool		•				
☑ Flow	Present? X Yes	□ No	Velocity (ft/sec)	•		
Downstrea	m View Physical I	dimensions:				7.4 - D (b ()
	Distance from access point (m)	Width (m)	Length (m)	Avg	g. Depth (m)	Max Depth (m)
☐ Riffle			-			
☐ Run						
□ Pool						
☐ Flow	Present?	□ No	Velocity (ft/sec)			. 251.3
L						
Substrate*:	(These values should ad	Gravel / 0	% Sand 10	% Silt	% Mud/Clay	30 % Bedrock
	Cobble 20 %	Glavel / U	70 Bana 70	<u></u>		
20 % Aquatic Vegi	Boulder etation*: (Note amou	nt of vegetation or a	lgal growth at the asse	ssment site.)		
Algae						
Water Char	acteristics*: (Mark a	il that apply.)	•			
Odor:	Sewage	☐ Musky	☐ Chemical	□ None	☐ Other:	
Color:	☐ Clear	☐ Green	☐ Gray	☐ Milky	Other:	Stained, murk

☐ Foam

☐ Fine sediments

∑ Solids

☐ Scum

Bottom Deposit:

Surface Deposit:

⊠ Sludge

 $\square \cdot \mathrm{Oil}$

Other:

☐ Other:

☐ None

None

^{*}This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

WBID	#	<u> </u>	İ	1	<u>i</u>	Site	#	<u>j</u>
T) - 4	/,	1	-	?	,	Na		

Field Data Sheets for Recreational Use Stream Surveys

	* .	Arrival Time:			
Latitude (ddd.dddd):	W 90.27		9:25	am	
Photo Ids: Upstream:		Pownstream: 2755	9:25 Other: 275	6	
rrative Description	of Location: (Des	scribe access point to stream, nea	urby roads, landmarks, etc.)		
Under Hwy. Approx.	55 (US) 100 m DS of	- Hwy 55 by	(pic 2756 control structure	•	
rrounding Conditions of interest.)	ns*: (Mark all that p	promote or impede recreational u	ses. Attach photos of evider	nce or unusual	
☐ City/county parks	☐ Playgrounds	☐ MDC conservation lands	Urban areas	☐ Campgrounds	
☐ Boating accesses	☐ State parks	☐ National forests	☐ Nature trails	☐ Stairs/walkway	
☐ No trespass sign	☐ Fence	☐ Steep slopes	☐ Other:		
ıman Uses Observe	!*:	and the second of the second o			
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing	
☐ Wind surfing	☐ Kayaking	☐ Boating	□ Wading	☐ Rafting	
	☐ Trapping	☐ Fishing	None of the above	☐ Other:	
☐ Hunting		reating frequency of use photo-	documentation of evidence.		
		reating, frequency of use, photo-	documentation of evidence	. ,	
Describe: (include num	ber of individuals rec				
Describe: (include num	ber of individuals rec	nts Dock/platform	☐ Livestock Watering	□ RV / ATV Tracks	
Describe: (include num	ber of individuals rec	nts		☐ RV / ATV Tracks ☐ Fishing Tackle	

	[]] Site #					4
e: <u> </u>		an image	utowization	2 of 3		
-	Data	Sheet B - Site C	Characterization -	- Z UI 3		
am Morpl						
pstream V	View Physical Dim Distance from				Avg. Depth (m)	Max Depth (m)
·	access point (m)	Width (m)	Length (m)		Avg. Depth (iii)	1721111 20 5 5 111 (111)
☐ Riffle					8,0.9,0.7 DX	- 6 d
Run					8,0.4,0.7 0,8	0.9
□ Pool .						
□ Flow	Present? Yes	□ No	Velocity (ft/sec));		
	Wierr Physical D	imensions.				
ownstreal	m View Physical D Distance from access point (m)	Width (m)	Length (m)		Avg. Depth (m)	Max Depth (m)
 □ Riffle						
□ Run					0 1 5 1 1 . 0 - 1	
Pool .		30	25		0,1.7,1.1 1.07	1.1
Flow	Present? Yes	UNO	Velocity (ft/sec): VE	ry slow)	The second secon
					•	•
	These values should ad Cobble /0 %C		% Sand /6	% Sil	t % Mud/Clay	y 40 % Bedroc
209	Doubles					
iatic Vege	tation*: (Note amoun	nt of vegetation or a	gal growth at the asse	essment s	eite.)	
Algae						
	cteristics*: (Mark al	· ·	☐ Chemical	□ Non	e 🗆 Other:	
Odor:	Sewage	☐ Musky		☐ Mill		Mutky, sta
Color:	☐ Clear	☐ Green	☐ Gray ☐ Fine sediments	☐ Nor		1100
Bottom Dep		Solids				
Surface Dep	oosit: 🗌 Oil	□ Scum	☐ Foam	□√Nor	E LI Omer:	

^{*}This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

River des Peres WBID# 1711

Recreational UAA Photographs

St. Louis City June 23, 2006

WBID# 1711 Overview

- 7 sites
- Upstream of WBID# 1710
- Class C
- 1.0 mile segment
- Phase 1 Drought Advisory

	Depth (m)						
Survey Point	Average	Maximum					
WBID 1711							
1 US	0.40	0.40					
1 DS	0.40	0.50					
2 US	0.60	0.70					
2 DS	0.60	0.70					
3 US	0.40	0.40					
3 DS	0.27	0.40					
4 US	0.50	0.60					
4 DS	0.50	0.60					
5 US	0.50	0.60					
5 DS	0.33	0.40					
6 US	0.57	0.70					
7 US	0.80	0.90					
7 DS	1.07	1.20					

Site 1 – Upstream



Site 1 – Downstream



Site 2 – Upstream



Site 2 – Drain



Site 2 – Downstream



Site 3 – Upstream



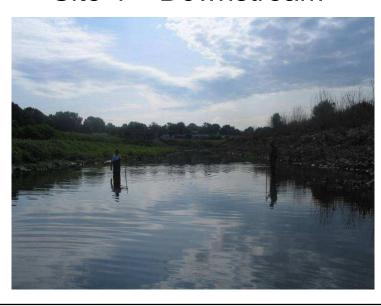
Site 3 – Downstream



Site 4 – Upstream



Site 4 – Downstream



Site 4 – Sewer



Site 5 – Upstream



Site 5 – Downstream



Site 5 – Other

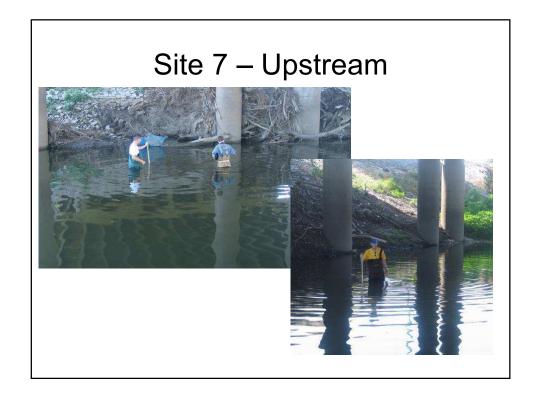




Site 5 – Pump Station







Site 7 – Downstream

